

# List of Plants

## C LINALOL

Chemid

LINALOL

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Acacia farnesiana	Flower	--	--		*
Acinos alpinus	Shoot	--	1.5	-0.22	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot	--	1.0	-0.22	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acorus calamus	Rhizome	30.0	6000.0	1.0	*
Aeolanthus myriantha	Flower	--	--		Wealth of India.
Agastache foeniculum	Plant	--	15.0	-0.43	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of <i>Agastache foeniculum</i> , A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
Agastache nepetoides	Plant	--	9.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ageratum conyzoides	Shoot	--	80.0	-0.21	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
Allium sativum var. sativum	Bulb	--	--		*
Aloysia citrodora	Plant	5.0	35.0	-0.42	*
Alpinia officinarum	Rhizome	--	--		*
Ammi visnaga	Essential Oil	--	--		*
Amomum xanthioides	Seed	--	--		*
Anethum graveolens	Plant	--	--		*
Angelica archangelica	Root	--	1.0	-0.74	*
Aniba rosaedora	Essential Oil	--	--		*
Annona cherimola	Plant	--	--		*
Apium graveolens	Seed	--	1.0	-0.71	*
Artemisia vulgaris	Plant	--	--		*
Artemisia pallens	Plant	4.0	17.0	-0.43	*
Artemisia dracunculus	Shoot	--	--		*
Artemisia salsoloides	Shoot	--	1000.0	-0.04	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of <i>Artemisia salsoloides</i> Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
Asarum canadense	Rhizome	--	--		*
Ballota nigra	Plant	--	3.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Brassica oleracea	Stem	--	0.08		*
Bursera delpechiana	Wood	7500.0	84000.0		*
Calamintha nepeta	Shoot	--	34.0	-0.22	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkcuoglu, M. 1992. Composition of the Essential Oil of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> . J. Ess. Oil Res. 4:189-190
Calamintha nepeta	Leaf	--	1.0	-0.44	Akgul, A., De Pooter, H.L., and De Buyck, L.F. 1991. The Essential Oils of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> and <i>Ziziphora clinopodioides</i> from Turkey. J. Ess. Oil Res., 3: 7-10.

<i>Camellia sinensis</i>	Leaf	6.0	1984.0	0.73	*
<i>Capsicum annuum</i>	Fruit	--	--		*
<i>Carica papaya</i>	Fruit	--	--		*
<i>Carum carvi</i>	Fruit	48.0	96.0	-0.62	*
<i>Cinnamomum verum</i>	Leaf	195.0	390.0	-0.21	*
<i>Cinnamomum verum</i>	Bark	230.0	956.0		*
<i>Cinnamomum camphora</i>	Plant	5520.0	22800.0	4.72	*
<i>Cinnamomum aromaticum</i>	Plant	--	--		*
<i>Cistus ladaniferus</i>	Leaf	4.0	280.0	-0.28	*
<i>Citrus limon</i>	Essential Oil	8.0	30.0	-1.0	*
<i>Citrus aurantium</i>	Leaf	1990.0	2795.0	1.21	*
<i>Citrus paradisi</i>	Pericarp	--	13.0		*
<i>Citrus sinensis</i>	Fruit Juice	0.15	4.69	1.0	*
<i>Citrus paradisi</i>	Fruit	--	--		*
<i>Citrus limon</i>	Leaf Essent. Oil	17000.0	81000.0	-1.0	*
<i>Citrus aurantiifolia</i>	Fruit	9.0	20.0	-0.64	*
<i>Citrus reticulata</i>	Fruit	3.0	610.0	-0.53	*
<i>Citrus limon</i>	Pericarp Essent. Oil	7000.0	110000.0		*
<i>Citrus mitis</i>	Fruit Juice	--	0.9	-1.0	*
<i>Citrus sinensis</i>	Fruit	30.0	530.0	-0.55	*
<i>Cleonia lusitanica</i>	Leaf	1.0	2.0	-0.44	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
<i>Conyza canadensis</i>	Plant	--	--		*
<i>Coriandrum sativum</i>	Fruit	4060.0	16900.0	2.26	*
<i>Croton lechleri</i>	Plant	--	--		Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
<i>Croton eluteria</i>	Bark	--	--		*
<i>Cuminum cyminum</i>	Fruit	30.0	318.0	-0.59	*
<i>Curcuma longa</i>	Essential Oil	--	1600.0	1.0	*
<i>Cymbopogon nardus</i>	Plant	36.0	144.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cymbopogon winterianus</i>	Plant	40.0	105.0	-0.41	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cymbopogon parkeri</i>	Plant	39.0	499.0	-0.32	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Daucus carota</i>	Root	--	32.0	1.41	*
<i>Daucus carota</i>	Seed	4.0	600.0	1.41	*
<i>Dictamnus albus</i>	Shoot	--	1.5	-0.22	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Dictamnus albus</i>	Shoot	--	4.0	-0.22	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Dictamnus albus</i>	Shoot	--	4.0	-0.22	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Dracocephalum thymiflora</i>	Plant	--	32.0	-0.42	*
<i>Elettaria cardamomum</i>	Fruit	1288.0	8000.0	0.73	*
<i>Elsholtzia pilosa</i>	Shoot	--	46.0	-0.21	*

<i>EISTROKID DIDYMUS</i>	Shoot	--	03.0	-0.21	Desmar, M.J., Rauscher, J., Vostrowsky O., Pant, A.K., Dev, V., Parihar, R. and Mathela, C.S. 1992. Constituents of the Essential Oil of <i>Elsholtzia blanda</i> Benth. (Labiatae). <i>J. Ess. Oils Res.</i> 4: 121-124
<i>Elsholtzia polystachya</i>	Leaf	--	0.2	-0.44	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia eriostachya</i>	Shoot	--	6.2	-0.22	Pant, A.K., Dev, V., Parihar, R., Mathela,C.S., Rauscher, J., Vostrowsky, O. and Bestmann, H.J. 1992. The Essential Oil from <i>Elsholtzia eriostachya</i> var. <i>pusilla</i> . <i>J. Ess. Oil Res.</i> 4: 547-549.
<i>Elsholtzia polystachya</i>	Leaf	--	0.2	-0.44	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Ephedra sinica</i>	Shoot	--	32.0	-0.22	*
<i>Eucalyptus fasiculosa</i>	Leaf	--	1.3	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus desquamata</i>	Leaf	--	15.0	-0.43	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus odorata</i>	Leaf	--	23.0	-0.43	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus ochrophloia</i>	Leaf	--	0.5	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus cuprea</i>	Leaf	--	6.4	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus citriodora</i>	Leaf	15.0	180.0	-0.34	*
<i>Eucalyptus melanophloia</i>	Leaf	--	0.8	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus porosa</i>	Leaf	--	10.0	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus intertexta</i>	Leaf	--	5.5	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus largisparsa</i>	Leaf	--	4.6	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus viridis</i>	Leaf	--	0.5	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus lansdowneana</i>	Leaf	--	23.0	-0.43	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus leucoxylon</i>	Leaf	--	5.5	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus behriana</i>	Leaf	--	2.7	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eucalyptus sparsa</i>	Leaf	--	30.0	-0.42	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some Southwestern and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section Adnataria. <i>Flavour and Fragrance J.</i> 10(6):359-364
<i>Eupatorium triplinerve</i>	Plant	--	390.0	-0.34	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ferula gummosa</i>	Gum	--	--		*
<i>Foeniculum vulgare</i>	Fruit	1.0	2050.0	-0.29	*
<i>Foeniculum vulgare</i>	Plant	--	60.0	-0.42	*
<i>Fragaria spp</i>	Leaf	--	--		*
<i>Galeopsis tetrahit</i>	Shoot	--	12.0	-0.22	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Gardenia jasminoides</i>	Flower	--	--		*
<i>Gentiana lutea</i>	Essential Oil	--	--		*

hederaea					
Glycyrrhiza glabra	Root	--	2.0	-0.67	*
Helianthus annuus	Flower	--	--		*
Helichrysum angustifolium	Plant	--	--		*
Humulus lupulus	Fruit	--	--		*
Hyacinthus orientalis	Flower	0.032	0.46	-0.39	*
Hyptis suaveolens	Shoot	--	34.0	-0.22	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. <i>J. Ess. Oil Res.</i> 5: 321.
Hyptis suaveolens	Shoot	--	34.0	-0.22	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. <i>J. Ess. Oil Res.</i> 5: 321.
Hyptis suaveolens	Plant	--	80.0	-0.41	Recently became <i>Internat. J. Crude Drug Res.</i> 28(1,2,3,4):1990, page 74.
Hyssopus officinalis	Shoot	--	10.0	-0.22	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	70.0	-0.21	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	20.0	-0.22	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	85.0	-0.21	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
Hyssopus officinalis	Shoot	--	70.0	-0.21	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Leaf	0.2	160.0	-0.35	*
Hyssopus officinalis	Shoot	--	80.0	-0.21	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	20.0	-0.22	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	85.0	-0.21	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
Hyssopus officinalis	Shoot	--	50.0	-0.21	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	--		Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Flower	0.1	1.0	-0.39	Flavour and Fragrance Journal, 6: 69.
Hyssopus officinalis	Shoot	--	--		Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop ( <i>Hyssopus officinalis</i> L.). <i>J. Agric. Food Chem.</i> 42: 776-781.
Illicium verum	Fruit	250.0	1400.0	-0.4	*
Iris x germanica	Rhizome	--	--		*
Juniperus communis	Plant	--	--		*
Juniperus virginiana	Leaf	--	--		*
Lantana camara	Leaf	--	--		*
Laurus nobilis	Leaf	800.0	3340.0	1.54	*
Lavandula sp	Shoot	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
Lavandula x intermedia	Plant	3098.0	3710.0	0.41	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
Lavandula latifolia	Plant	1490.0	5104.0	0.72	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
Lavandula x hybrida	Shoot	320.0	580.0	-0.12	Tucker, A.O., Maciarello, M.J., Angell, S., Espaillet, J.R., and French, E.C. 1993. The Essential Oil of <i>Lavandula x hybrida</i> Balb. ex Ging., a Distinct Hybrid from <i>L. x heterophylla</i> Poir. ( <i>Labiateae</i> ). <i>J. Ess. Oil Res.</i> 5: 443-445.
Lavandula angustifolia	Plant	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Leonotis leonurus	Se	--	1.0		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of <i>Leonotis leonurus</i> R. Br. <i>J. Ess. Oil Res.</i> 3: 451-3
Leonurus cardiaca	Plant	1.0	4.0	-0.43	*
Lepechinia calycina	Plant	--	130.0	-0.4	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
Ligustrum japonicum	Flower	--	--		*

Botanical Name	Part	Conc.	Conc.	Conc.	Reference
					CHERARD, P., ROSETTI, C., and JACQUEMIN, H. 1987. <i>Pharmacoées Traditionnelles en Guyane</i> . L'ORSTROM, Paris. 569 pp.
<i>Litsea glaucescens</i>	Shoot	5.0	20.0	-0.22	Tucker, et al, EB46(1):21-24.1992
<i>Lonicera japonica</i>	Flower	0.182	3.858	-0.39	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Lycopersicon esculentum</i>	Fruit	--	--		*
<i>Lycopus uniflorus</i>	Plant	--	5.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lycopus virginicus</i>	Plant	20.0	50.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Magnolia fargesii</i>	Flower	--	--		*
<i>Melaleuca viridiflora</i>	Leaf	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Melaleuca alternifolia</i>	Leaf	10.0	25.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Melissa officinalis</i>	Shoot	1.0	16.0	-0.22	Deutsche Apot. Zitt. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha x piperita</i>	Leaf	12.0	120.0	-0.37	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha longifolia</i>	Shoot	10.0	33360.0	5.83	*
<i>Mentha spicata</i>	Plant	11.0	9375.0	1.69	*
<i>Mentha arvensis</i> var. <i>piperascens</i>	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha pulegium</i>	Plant	15.0	30.0	-0.43	*
<i>Mentha aquatica</i>	Leaf	1080.0	3060.0	1.37	*
<i>Micromeria juliana</i>	Leaf	--	150.0	-0.35	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
<i>Micromeria fruticosa</i>	Shoot	--	7.0	-0.22	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
<i>Micromeria congesta</i>	Leaf	1.0	3.0	-0.44	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
<i>Micromeria varia</i>	Shoot	--	27.0	-0.22	*
<i>Micromeria teneriffae</i>	Leaf	--	80.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
<i>Micromeria fruticosa</i>	Shoot	--	7.0	-0.22	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
<i>Micromeria myrtifolia</i>	Shoot	--	3.0	-0.22	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of Micromeria myrtifolia Boiss. et Hohen. J. Ess. Oil Res., 4: 79-80.
<i>Micromeria varia</i>	Shoot	--	27.0	-0.22	Pedro, L.G., et al. 1995. Composition of the Essential oil of Micromeria varia Benth. ssp. thymoides (Sol. ex Lowe) Perez var. thymoides, and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
<i>Mitracarpus scaber</i>	Shoot	--	336.0	-0.16	I. Laakso, T.O.E. Ekpendu, A.A. Adesomoju, O. Eundayo, J. I. Okogun, (1993); Constituents of the volatile oil of Mitracarpus scaber Zucc., Flavour Fragr. J., Vol 8, 269-271.
<i>Moldavica thymiflora</i>	Plant	--	32.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Flower	--	2385.0	0.07	Flavour and Fragrance Journal, 6: 80.
<i>Monarda russeliana</i>	Plant	--	150.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda fistulosa</i>	Plant	15.0	341.0	-0.36	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Plant	5.0	5900.0	0.9	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda clinopodia</i>	Plant	--	216.0	-0.38	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda punctata</i>	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Leaf	5195.0	9645.0	5.27	*
<i>Monarda media</i>	Plant	22.0	63.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda citriodora</i>	Plant	--	47.0	-0.42	*
<i>Morus alba</i>	Plant	--	--		*
<i>Myrica cerifera</i>	Leaf	--	--		*
<i>Myristica fragrans</i>	Seed	--	--		*
<i>Myrtus communis</i>	Plant	18.0	505.0	-0.32	*

<i>Nepeta racemosa</i>	Shoot	--	21.0	-0.22	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
<i>Nepeta racemosa</i>	Shoot	--	21.0	-0.22	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
<i>Ocimum canum</i>	Shoot	3055.0	5230.0	0.73	*
<i>Ocimum basilicum</i>	Plant	5.0	8730.0	1.54	*
<i>Ocimum gratissimum</i>	Leaf	25.0	45.0	-0.42	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. <i>J. Ess. Oil Res.</i> 4: 231-234.
<i>Ocimum tenuiflorum</i>	Leaf	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Ocimum kilimandscharicum</i>	Leaf	2970.0	5075.0	2.56	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of <i>Ocimum kilimandscharicum</i> Guerke. <i>J. Ess. Oil Res.</i> , 4: 125-128.
<i>Ocimum gratissimum</i>	Shoot	--	275.0	-0.17	Vostrowsky, O., Garbe, W., Bestmann, H.J. and Maia, J.G.S. 1990. Essential Oil of Alfavaca, <i>Ocimum gratissimum</i> , from Brazilian Amazon. <i>Zeitschr. Naturforschung</i> 45(C): 1073-6.
<i>Ocimum gratissimum</i>	Flower	46.0	140.0	-0.36	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. <i>J. Ess. Oil Res.</i> 4: 231-234.
<i>Ocimum suave</i>	Shoot	--	20.0	-0.22	<i>J. Nat. Prod.</i> 44: 308.
<i>Ocimum kilimandscharicum</i>	Flower	10380.0	18130.0	3.13	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of <i>Ocimum kilimandscharicum</i> Guerke. <i>J. Ess. Oil Res.</i> , 4: 125-128.
<i>Ocimum basilicum</i>	Plant	30.0	300.0	-0.36	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Ocimum gratissimum</i>	Plant	2.0	12.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ocimum sanctum</i>	Leaf	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Origanum vulgare</i>	Plant	--	30.0	-0.43	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
<i>Origanum majorana</i>	Plant	99.0	568.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum syriacum</i>	Shoot	--	55.0	-0.21	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	105.0	-0.2	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum syriacum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Origanum onites</i>	Shoot	--	100.0	-0.2	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Frag. J.</i> 8: 331-7.
<i>Origanum vulgare</i>	Plant	--	30.0	-0.43	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
<i>Origanum creticum</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Origanum syriacum</i>	Shoot	--	25.0	-0.22	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	18.0	-0.22	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum syriacum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Origanum vulgare</i>	Plant	1.0	600.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum onites</i>	Plant	--	39.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum vulgare</i>	Plant	--	15.0	-0.43	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
<i>Origanum vulgare</i>	Plant	--	6.0	-0.43	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
<i>Origanum syriacum</i>	Shoot	--	55.0	-0.21	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	105.0	-0.2	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum syriacum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Origanum minutiflorum</i>	Shoot	13.0	17.0	-0.22	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of <i>Origanum minutiflorum</i> O. Schwarz and P.H. Davis. <i>J. Ess. Oil Res.</i> 3: 445-446.
<i>Pelargonium citrosum</i>	Shoot	--	85.0	-0.21	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. <i>J. Am. Mosq. Contr. Assoc.</i> 12(1):69-74.
<i>Pelargonium graveolens</i>	Plant	30.0	505.0	-0.32	*
<i>Perilla frutescens</i>	Plant	--	--		Kang, R., Helms, R., Stout, M.J., Jaber, H., Chen, Z., and Nakatsu, T. 1992. Antimicrobial Activity of the Volatile Constituents of <i>Perilla frutescens</i> and Its Synergistic Effects with Polygodial. <i>J. Agric. Food Chem.</i> , 40: 2328-2330.
<i>Petroselinum crispum</i>	Leaf	--	0.12	-0.44	*

Pimenta racemosa	Leaf	130.0	1020.0	0.16	*
Pimenta dioica	Leaf	--	5.0	-0.44	*
Pimpinella anisum	Fruit	--	50.0	-0.63	*
Piper nigrum	Fruit	--	--		*
Piper cubeba	Fruit	--	--		*
Plantago asiatica	Root	--	--		*
Plantago asiatica	Leaf	--	--		*
Plantago asiatica	Flower	--	--		*
Plumeria acutifolia	Flower	--	--		*
Prunus cerasus	Fruit	--	--		*
Prunus armeniaca	Fruit	--	--		*
Psoralea corylifolia	Seed	--	--		*
Pycnanthemum tenuifolium	Shoot	46.0	700.0	-0.1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum loomisii	Shoot	33.0	84.0	-0.21	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum clinopodioides	Plant	84.0	88.0	-0.41	*
Pycnanthemum pilosum	Leaf	1.0	210.0	-0.32	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum setosum	Shoot	80.0	124.0	-0.2	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum incanum	Shoot	11.0	38.0	-0.22	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum albescens	Shoot	32.0	108.0	-0.2	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum pilosum	Flower	1.0	210.0	-0.35	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum torreyi	Shoot	--	10.0	-0.22	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum flexuosum	Shoot	--	10680.0	1.72	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum pycnanthemoides	Shoot	26598.0	39556.0	6.96	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum montanum	Shoot	105.0	120.0	-0.2	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ribes nigrum	Leaf	--	7.0	-0.44	*
Robinia pseudoacacia	Flower	--	--		*
Rosa damascena	Essential Oil	--	--		*
Rosmarinus officinalis	Shoot	--	65.0	-0.21	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf	--	90.0	-0.39	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus x lavandulaceus	Shoot	0.1	30.0	-0.22	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus eriocalyx	Shoot	--	0.1	-0.22	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Shoot	30.0	65.0	-0.21	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf	--	90.0	-0.39	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus tomentosus	Shoot	65.0	100.0	-0.2	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Shoot	6.0	13.0	-0.22	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.

officinalis					
Rosmarinus x mendizabalii	Shoot	16.0	33.0	-0.22	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
Rosmarinus eriocalyx	Shoot	--	--		Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
Salvia sclarea	Plant	7.0	930.0	-0.22	Flavour and Fragrance Journal, 6: 153.
Salvia officinalis	Plant	--	3500.0	0.36	*
Salvia dorisiana	Shoot	7.0	7.4	-0.22	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. <i>J. Ess. Oil Res.</i> 6: 97-8.
Salvia triloba	Plant	700.0	5040.0	0.71	*
Satureja obovata	Leaf	--	945.0	0.12	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. <i>Phytochemistry</i> 35(1): 83.
Satureja montana	Plant	115.0	14260.0	2.79	*
Satureja cilicica	Shoot	--	13.0	-0.22	Tumen, G., Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of Satureja cilicica P.H. Davis. <i>J. Ess. Oil Res.</i> 5: 547-548.
Satureja obovata	Leaf	--	1940.0	0.71	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. <i>Phytochemistry</i> 35(1): 83.
Satureja obovata	Shoot	865.0	3370.0	0.39	<i>Fitoterapia</i> No.60: 277.
Satureja douglasii	Plant	26.0	182.0	-0.39	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Satureja subspicata	Plant	--	35.0	-0.42	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of Satureja montana and Satureja subspicata from Yugoslavia. <i>J. Ess. Oil Res.</i> , 3: 153-158.
Satureja obovata	Leaf	--	1580.0	0.49	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. <i>Phytochemistry</i> 35(1): 83.
Satureja obovata	Leaf	--	1580.0	0.49	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. <i>Phytochemistry</i> 35(1): 83.
Satureja cuneifolia	Shoot	--	60.0	-0.21	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. <i>J. Ess. Oil Res.</i> , 3: 365-366.
Saussurea lappa	Root Essent. Oil	--	--		*
Scutellaria parvula	Plant	--	10.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Scutellaria churchilliana	Plant	--	26.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Sideritis mugronensis	Leaf	5.0	10.0	-0.44	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. <i>J. Ess. Oil Res.</i> , 3: 395-397.
Sideritis athoa	Shoot	--	10.0	-0.22	Ozek, T., Baser, K.H.C. and Tumen, G. 1993. The Essential Oil of Sideritis athoa Papanikolaou Et Kokkini. <i>J. Ess. Oil Res.</i> 5: 669-670.
Sideritis mugronensis	Flower	10.0	25.0	-0.39	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. <i>J. Ess. Oil Res.</i> , 3: 395-397.
Sideritis pauli	Shoot	--	3.0	-0.22	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. <i>FFJ7: 47-8.</i> 1992.
Sideritis germanicolpitana	Plant	3.0	4.0	-0.43	<i>J. Essential Oil</i> , 4: 533.
Skimmia arborescens	Lb	--	--		List, P.H. and Horhammer, L. Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Syringa vulgaris	Flower	--	--		List, P.H. and Horhammer, L. Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Syzygium aromaticum	Flower	--	1.0	-0.39	*
Teucrium salviastrum	Shoot	--	0.74	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium kotschyanum	Leaf	--	135.0	-0.36	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
Teucrium cyprium	Leaf	--	80.0	-0.4	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
Teucrium scorodonia	Shoot	--	1.28	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium oxylepis	Shoot	--	12.87	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium pseudoscorodonia	Shoot	--	1.18	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Teucrium gnaphalodes	Shoot	--	12.0	-0.22	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. <i>J. Ess. Oil Res.</i> 5: 397-402.

<i>Teucrium asiaticum</i>	Shoot	--	15.50	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium polium</i>	Shoot	--	12.0	-0.22	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium arduini</i>	Shoot	--	2.0	-0.22	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. <i>J. Ess. Oil Res.</i> 4: 223-225.
<i>Teucrium micropodioides</i>	Leaf	--	20.0	-0.43	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium divaricatum</i>	Leaf	--	36.0	-0.42	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium oxylepis</i>	Shoot	--	2.69	-0.22	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium arduini</i>	Shoot	--	2.0	-0.22	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. <i>J. Ess. Oil Res.</i> 4: 223-225.
<i>Theobroma cacao</i>	Seed	--	5.0	-0.7	*
<i>Thymus capitatus</i>	Plant	30.0	180.0	-0.39	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus riatarum</i>	Shoot	--	130.0	-0.2	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and II Idrissi, A. 1991. Analysis of the Essential Oil of <i>Thymus riatarum</i> . <i>J. Ess. Oil Res.</i> 3: 43-4.
<i>Thymus x citriodorus</i>	Plant	--	80.0	-0.41	Stahl-Biskup, E. and Holtkamp, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. <i>Flav. &amp; Fragr.</i> J. 10: 225-229.
<i>Thymus zygis</i>	Shoot	--	13.0	-0.22	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JEO5</i> : 153-8.
<i>Thymus longicaulis</i>	Shoot	--	40.0	-0.22	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
<i>Thymus vulgaris</i>	Plant	20.0	17420.0	3.51	*
<i>Thymus mastichina</i>	Plant	850.0	7890.0	1.35	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus cilicicus</i>	Shoot	--	120.0	-0.2	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicicus</i> Boiss. & Bal. <i>J. Ess. Oil Res.</i> 6: 97-8.
<i>Thymus zygis</i>	Shoot	--	13.0	-0.22	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JEO5</i> : 153-8.
<i>Thymus longicaulis</i>	Shoot	--	24.0	-0.22	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
<i>Thymus serpyllum</i>	Plant	8.0	134.0	-0.4	*
<i>Thymus capitatus</i>	Shoot	--	11.0	-0.22	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Fragr. J.</i> 8: 331-7.
<i>Thymus saturejoides</i>	Shoot	--	630.0	-0.11	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
<i>Thymus broussonettii</i>	Shoot	--	50.0	-0.21	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
<i>Thymus zygis</i>	Shoot	100.0	4920.0	0.67	De Cunha, A.P. and Salguero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. <i>J. Ess. Oil Res.</i> 3: 409-12.
<i>Thymus longicaulis</i>	Shoot	--	40.0	-0.22	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
<i>Thymus orospedanus</i>	Plant	--	945.0	-0.22	<i>J. Nat. Prod.</i>
<i>Tilia</i> sp.	Flower	--	--		*
<i>Trichostemma dichotomum</i>	Shoot	--	2.7	-0.22	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of <i>Trichostemma dichotomum</i> . <i>J. Ess. Oil Res.</i> 2: 149-150.
<i>Trifolium pratense</i>	Flower	--	70.0	-0.38	Buchnauer,G.,Jirovetz,L.,Nikiforov,A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry. <i>J.Agric.Food Chem.</i> 44:1827-8
<i>Umbellaria californica</i>	Plant	200.0	800.0	-0.25	*
<i>Urtica dioica</i>	Plant	--	--		Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
<i>Vaccinium corymbosum</i>	Fruit	0.01	0.05	-0.64	*
<i>Vitex agnus-castus</i>	Leaf	0.5	16.0	-0.43	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntiemein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. <i>J. Essential Oil Research</i> , 2: 115-119.
<i>Vitis vinifera</i>	Fruit	--	--		*

	Essent. Oil				
Zanthoxylum alatum	Leaf	--	75.0	-0.4	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zanthoxylum alatum	Fruit	--	14745.0	1.89	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Plant	--	--		*
Zingiber officinale	Rhizome	--	50.0	-1.0	*